

Biology

Delprov A3

engelsk version

ÅRSKURS

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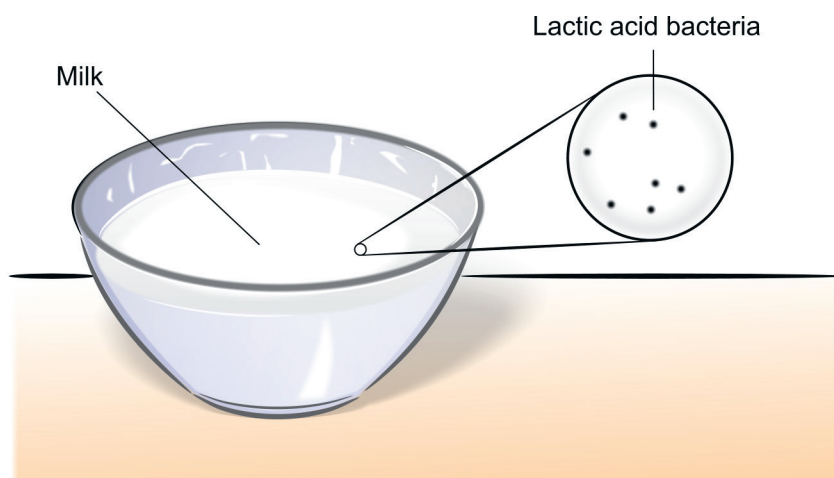
Elevens namn och klass/grupp

Planning of a systematic study in biology

At which temperature is the increase in the number of lactic acid bacteria in milk the highest?

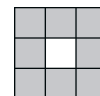
Facts

Yoghurt is produced by adding lactic acid bacteria to milk. The number of lactic acid bacteria is influenced by the milk's temperature. When the number of lactic acid bacteria increases, the pH-value of the milk decreases.

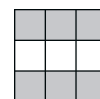


15. a)

- Write a hypothesis about the temperature at which the increase in the number of lactic acid bacteria is the highest, 20 °C or 40 °C.
- Justify your hypothesis using your knowledge about temperature and living conditions for bacteria.



- b) Write instructions where you describe, step by step, how to perform an investigation to test your hypothesis and how to interpret the result.



Planning:**a) Hypothesis**

b) Method



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